U.S. Patent Application No. 09/896,886 Amendment After Final dated October 17, 2006 Reply to Final Office Action of April 21, 2006

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-55. (Cancelled)

- 56. (Previously presented) A printing plate comprising: a) a substrate and b) a radiation-absorptive layer, wherein the radiation-absorptive layer comprises at least one modified pigment product comprising a pigment having attached at least one organic group represented by the formula -X-Sp-[EI]R, wherein X, which is directly attached to the pigment, represents an arylene, heteroarylene, or alkylene group, Sp represents a spacer group, EI represents an alkyleneimine polymer or copolymer, and R represents hydrogen, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group.
- 57. (Previously presented) The printing plate of claim 56, wherein EI is polyethyleneimine or derivatives of polyethyleneimine.
- 58. (Previously presented) The printing plate of claim 56, wherein the radiation-absorptive layer further comprises an additional polymer.
- 59. (Previously presented) The printing plate of claim 58, wherein the additional polymer is a phenolic polymer.
- 60. (Original) The printing plate of claim 59, wherein the phenolic polymer is a homopolymer or copolymer of an hydroxystyrene or a phenol-formaldehyde polymer.
- 61. (Previously presented) The printing plate of claim 58, wherein the additional polymer is

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an acrylic polymer.

- 62. (Original) The printing plate of claim 61, wherein the acrylic polymer is a polymer comprising acrylic acid, methacrylic acid, or salts thereof.
- 63. (Original) The printing plate of claim 56, wherein the substrate is a hydrophilic metal substrate.
- 64. (Original) The printing plate of claim 56, wherein the substrate is aluminum or polyester.
- 65. (Original) A printing plate comprising: a) a substrate and b) a radiation-absorptive layer, wherein the radiation-absorptive layer comprises at least one modified pigment product comprising a pigment having attached at least one organic group represented by the formula -X-Sp-[SMA]R, wherein X, which is directly attached to the pigment, represents an arylene, heteroarylene, or alkylene group, Sp represents a spacer group, SMA represents a styrene-maleic anhydride polymer or derivative, and R represents hydrogen, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group.
- 66. (Original) The printing plate of claim 65, wherein SMA is styrene-maleic anhydride or derivatives of styrene-maleic anhydride.
- 67. (Previously presented) The printing plate of claim 65, wherein the radiation-absorptive layer further comprises an additional polymer.
- 68. (Previously presented) The printing plate of claim 67, wherein the additional polymer is a phenolic polymer.
- 69. (Original) The printing plate of claim 68, wherein the phenolic polymer is a homopolymer or copolymer of an hydroxystyrene or a phenol-formaldehyde polymer.

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- 70. (Previously presented) The printing plate of claim 67, wherein the additional polymer is an acrylic polymer.
- 71. (Original) The printing plate of claim 70, wherein the acrylic polymer is a polymer comprising acrylic acid, methacrylic acid, or salts thereof.
- 72. (Original) The printing plate of claim 65, wherein the substrate is a hydrophilic metal substrate.
- 73. (Original) The printing plate of claim 65, wherein the substrate is aluminum or polyester.
- 74 82. (Canceled)
- 83. (Previously presented) The printing plate of claim 56, wherein the radiation absorbed by the radiation-absorptive layer is infrared or near-infrared.
- 84. (Previously presented) The printing plate of claim 56, wherein the pigment is carbon black, graphite, vitreous carbon, finely-divided carbon, activated carbon, activated charcoal, or mixtures thereof.
- 85. (Previously presented) The printing plate of claim 56, wherein the pigment is carbon black.
- 86. (Previously presented) The printing plate of claim 56, wherein the pigment comprises a white pigment, a black pigment, a blue pigment, a brown pigment, a cyan pigment, a green pigment, a violet pigment, a magenta pigment, a red pigment, a yellow pigment, shades thereof, or combinations thereof.

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87-110. (Cancelled)

- 111. (Previously presented) The printing plate of claim 65, wherein the radiation-absorptive layer is absorptive of infrared or near-infrared radiation.
- 112. (Previously presented) The printing plate of claim 65, wherein the pigment is carbon black, graphite, vitreous carbon, finely-divided carbon, activated carbon, activated charcoal, or mixtures thereof.
- 113. (Previously presented) The printing plate of claim 65, wherein the pigment is carbon black.
- 114. (Previously presented) The printing plate of claim 65, wherein the pigment comprises a white pigment, a black pigment, a blue pigment, a brown pigment, a cyan pigment, a green pigment, a violet pigment, a magenta pigment, a red pigment, a yellow pigment, shades thereof, or combinations thereof.

115 - 118. (Canceled)